## WHAT IS CLAIMED IS:

1		1.	A liposomal topotecan unit dosage form, said unit dosage form
2	comprising:		
3		a lipid	; and
4		a topot	tecan dosage of from about 0.01 mg/M <sup>2</sup> /dose to about
5	7.5 mg/M <sup>2</sup> /dose, wherein said liposomal topotecan unit dosage form has a drug:lipid ratio		
6	(by weight) of	f about (	0.05 to about 0.2.
1		2	The line remains to restor any unit degree of claims 1, who waits said
1	4	2.	The liposomal topotecan unit dosage form of claim 1, wherein said
2	arug:npia rati	o (by w	eight) is about 0.05 to about 0.15.
1		3.	The liposomal topotecan unit dosage form of claim 1, wherein said
2	lipid comprise	es a mix	ture of sphingomyelin and cholesterol.
1		4.	The liposomal topotecan unit dosage form of claim 1, wherein said
2	lipid comprise	es sphin	gomyelin and cholesterol in a ratio by weight of about 30:70 to
3	about 60:40.	1	
1		5.	The liposomal topotecan unit dosage form of claim 1, comprising
2	from about 1	$mg/M^2/c$	dose to about 4 mg/M <sup>2</sup> /dose of topotecan.
1		6.	A liposomal topotecan formulation, wherein said liposomal
2	topotecan form	nulation	a retains greater than 50% active lactone species after 12 hours in
3	blood circulat	ion.	•
1		7.	The liposomal topotecan formulation of claim 6, wherein said
2	liposomal topotecan formulation retains greater than 80% active lactone species after 12		
3	hours in blood	l circula	ation.
1		8.	A liposomal topotecan formulation comprising topotecan,
2	sphingomyeli	n, chole	esterol and a divalent cation ionophore.
1		9.	The liposomal topotecan formulation of claim 8, wherein said
2	divalent ionor		present in trace amounts.
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1		10.	The liposomal topotecan formulation of claim 8, comprising a
2	drug:lipid rati	o (by w	reight) of about 0.05 to about 0.2.

1	11. The liposomal topotecan formulation of claim 10, wherein said				
2	drug:lipid ratio (by weight) is about 0.05 to about 0.15				
1	12. The liposomal topotecan formulation of claim 11, comprising trace				
2	amounts or greater of a divalent ionophore.				
1	13. A method of treating a solid tumor in a human afflicted therewith,				
2	said method comprising administering to said human an effective amount of a topotecan				
3	dosage of claim 1 in a pharmaceutically acceptable carrier.				
1	14. The method of claim 13, wherein said solid tumor is selected from				
2	the group consisting of solid tumors of the lung, mammary, colon and prostate.				
1	15. The method of claim 13, further comprising co-administration of a				
2	treatment for neutropenia or platelet deficiency.				
1	16. A method of treating solid tumors in a mammal, said method				
2	comprising:				
3	administering to said mammal having a solid tumor of the lung, mammary				
4	and/or colon a liposomal topotecan formulation having a drug:lipid ratio (by weight) of				
5	about 0.05 to about 0.2.				
1	17. A method of treating solid tumors in a mammal, said method				
2	comprising:				
3	administering to said mammal having a solid tumor of the lung, mammar				
4	and/or colon a liposomal topotecan formulation comprising from about 0.01 mg/M²/dose				
5	to about 7.5 mg/M²/dose of topotecan for an interval regime, wherein said interval regim				
6	is once a day for at least two consecutive days.				
1	18. The method of treating solid tumors of claim 17, wherein said				
2	interval regime is at least once a week.				
1	19. The method of treating solid tumors of claim 17, wherein said				
2	interval regime is at least once every two weeks.				
1	20. The method of treating solid tumors of claim 17, wherein said				
2	interval regime is at least once every three weeks.				

1	21. The method of treating solid tumors of claim 17, wherein said			
2	liposomal topotecan formulation has a drug:lipid ratio (by weight) of about 0.05 to about			
3	0.2.			
1	22. A method of treating solid tumors in a mammal comprising			
2	administering to an animal having a solid tumor of the lung, mammary			
3	and/or colon a liposomal topotecan formulation comprising from about 0.01 to about			
4	7.5 mg/M <sup>2</sup> /dose of topotecan every three days.			
1	23. A liposomal camptothecin unit dosage form, said unit dosage form			
2	comprising a lipid, a camptothecin dosage of from about 0.015 mg/M <sup>2</sup> /dose to about			
3	1 mg/M <sup>2</sup> /dose and having a drug:lipid ratio (by weight) of about 0.05 to about 0.2.			
1	24. The use of topotecan in the manufacture of a medicament			
2	comprising a liposome having a sphingomyelin to cholesterol ratio (by weight) of from			
3	about 30:70 to about 60:40 for use in treating solid tumors in a mammal.			
1	25. The use of claim 24, for treating solid tumors of the lung,			
2	mammary and colon.			